

Attachment A. Clean Copy of Claims After Amendment.

CLAIMS

I claim:

2. A paperless book of claim 22 wherein the display of visual information is a ferroelectric display, electroluminescent display, liquid crystal display, or light emitting diode.

3. A paperless book of claim 2 wherein the display of visual information is in a head-mounted display.

4. A paperless book of claim 2 wherein the display of visual information is in a screen on the paperless book.

5. A paperless book of claim 22 wherein the audible information display is produced by headphones, ear phones, speakers permanently attached to the paperless book, or speakers detachably attached to the paperless book.

8. A paperless book of claim 22 further comprising a switch which activates and deactivates the visual and audible displays.

9. A paperless book of claim 22 further comprising an electronic bookmark.

12. A paperless book of claim 22 wherein the digital storage device is a ROM selected from the group of ROM consisting of floppy disk, CD-ROM disk, and DVD disk.

13. A paperless book of claim 22 wherein a highlighted portion of the text indicates an associated visual or audible file.

14. A paperless book of claim 22 further comprising controls which control the speed at which the visual and audible information is scrolled.

15. A paperless book of claim 22 further comprising a control which determines at which point in the sequence of visual and audible information the process of displaying the visual and audible information will begin.

17. The paperless book of claim 24 further comprising an alternating current to direct current converter which plugs into the power jack and provides direct power to the paperless book.

18. The paperless book of claim 24 further comprising a digital storage device for visual and audible information, the digital storage device inserted in the ROM loading door in operation.

20. The process of claim 23 wherein the visual and audible information is downloaded from a removable memory storage device.

21. The process of claim 23 further comprising the step:

d. advancing the visual display to the next page when the audible display corresponding to the displayed page is completed.

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22. A portable paperless book comprising:

a visual display system,

an audible display system,

a temporary storage site,

a digital storage system for visual and audible information, and

a power system containing a battery for powering the portable paperless book,

wherein the visual information is a printed book with words electronically displayed on the visual display for reading and may be electronically erased from the visual display after the words are read,

controls for the erasure of the visual display after the words are read, and

the audible information is electronically synthesized words of the printed book which are synthesized in synchrony with the words electronically displayed on the visual display, wherein the visible information may be read under constantly changing conditions when the conditions favor visible reading, and the audible information may be

listened to under constantly changing conditions when the conditions favor listening to audible information.

23. The process of displaying information in a portable paperless book comprising a visual display system, an audible display system, a digital storage system for visual and audible information, a temporary storage site, and a power system containing a battery for powering the portable paperless book, wherein the visual information is a printed book with words electronically displayed on the visual display for reading and may be electronically erased from the visual display after the words are read, controls for the erasure of the visual display after the words are read, and the audible information is electronically synthesized words of the printed book which are synthesized in synchrony with the words electronically displayed on the visual display, wherein the visible information may be read under constantly changing conditions when the conditions favor visible reading, and the audible information may be listened to under constantly changing conditions when the conditions favor listening to audible information comprising the steps:

- a. downloading visual and audible information from a digital storage device into the temporary storage site,
- b. displaying a page of printed words from the temporary storage site on a visual display, and
- c. displaying audible expression of the words of the page of printed words from the temporary storage site on an audible display, the display of audible material simultaneously with the display of words of the page of printed words.

24. A paperless book comprising:  
a housing,  
a central processing unit, ROM reader, permanent memory unit, and temporary memory unit mounted within the housing,

a visual display, power jack, head-mounted visual display housing jack, audible display housing jack, scroll button, select button, play button, stop or pause button, directional control buttons, volume control dial, brightness control dial, door for inserting ROM, and shoulder strap, mounted on the housing,

earphones, connecting wires, and an earphone jack,  
the earphone jack connected to the audible display housing jack,

a head-mounted visual display, connecting wire, and visual display jack,  
the visual display jack connected to the head-mounted visual display housing jack, and

a battery for powering the paperless book,

wherein audible information is electronically synthesized words of the printed book which are synthesized in synchrony with the words electronically displayed on the visual display,

wherein the visible information may be read under constantly changing conditions when the conditions favor visible reading, and the audible information may be listened to under constantly changing conditions when the conditions favor listening to audible information.

25. The portable paperless book of claim 22 wherein the constantly changing condition which favors visible reading is riding on a train.

26. The portable paperless book of claim 22 wherein the constantly changing condition which favors listening to audible information is driving an automobile.

CLAIMSAFTERAMENDMENT2